

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Takahiro OIKAWA et al.  
Title: PHOTOELECTRIC SENSOR  
Appl. No.: Unassigned  
Filing Date: August 5, 2003  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Takahiro OIKAWA  
Tadashi SENG

Enclosed are:

- [ X ] Application Data Sheet (2 pages).
- [ X ] Unexecuted Declaration and Power of Attorney (3 pages).
- [ X ] Preliminary Amendment (4 pages).
- [ X ] Specification, Claims, and Abstract (45 pages).
- [ X ] Formal drawings (27 sheets, Figures 1, 2A-2B, 3A-3B, 4A-4B, 5, 6A-6B, 7-14, 15A-15B, 16A-16B, 17A-17C, 18A-18B, 19, 20A-20B, 21A-21B, 22A-22B, 23A-23B, 24, 25A-25B, 26, and 27).

16179 U.S. PTO  
08/05/03

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$750.00	\$750.00
Total	9	- 20	= 0	x \$18.00	= \$0.00
Claims:					
Independen	1	- 3	= 0	x \$84.00	= \$0.00
ts:					
If any Multiple Dependent Claim(s) present:				+ \$280.00	= \$0.00
Surcharge under 37 CFR 1.16(e) for late filing of Executed Declaration and late payment of filing fee				+ \$130.00	= \$130.00
				SUBTOTAL:	= \$880.00
[ ] Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$880.00

- [ ] A check in the amount of \$0.00 to cover the filing fee is enclosed.
- [ X ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date

8/5/03

By

*William T. Ellis*

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